

Mykyta Syromiatnikov

Looking for a research/engineering position in NLP/Deep Learning

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RESEARCH INTERESTS

Deep learning for natural language processing; conversational AI; models optimization; informational search.

WORK EXPERIENCE

- 2019-now **Founder/Machine Learning Researcher at Serafima.ai**
- [MVP creation](#), [pre-seed investment raising](#), small team management.
 - Dialogue system architecture design. Building pipelines for various NLU-tasks. Training models from scratch and selection of up-to-date SOTA-solutions along with their quality/performance review. Optimizing R&D solutions for the production environment.

2017-2018 **Software Engineer at Freelance**

EDUCATION

- 2021-2022 **Master of Science in Software Engineering**
Odessa Polytechnic State University (former ONPU), Ukraine
- 2017-2021 **Honours Bachelor of Software Engineering**
Odessa Polytechnic State University (former ONPU), Ukraine
- GPA: 96.6.
 - Thesis: Intelligent digital assistant for messengers and Web powered by natural language processing technologies.

PUBLICATIONS

- 2022 **Increasing the Performance of the Multilingual Language Model with FNet Architecture**
Mykyta Syromiatnikov, Victoria Ruvinskaya
MIT-2022
- 2021 **Natural Language Processing for Intelligent Virtual Assistant System**
Mykyta Syromiatnikov, Victoria Ruvinskaya
ICST-2021
- 2020 **Multilingual Open-Domain Question Answering Model**
Mykyta Syromiatnikov, Aleksandr Tsurkan, Victoria Ruvinskaya
MIT-2020

EXTRA-CURRICULAR ACTIVITIES

- 2020 **Huawei: Seeds for the Future**
The curriculum covers 5G, cloud computing, and AI.
- 2019 **3rd place in PhotoHack Odessa hackathon by Photo Lab**
The task was to create a solution for the visualization of text that will be used in the keyboard for instant messengers. Played the role of the team leader and also developed the server-side of our app along with natural language processing algorithms.

2019 **Winner of the CIG R&D LAB program by Chernovetskyi Investment Group**

In my second year at university, I took part in the research and development program and won a grant for the further development of my smart assistant project at the final pitching.

Skills

Python, Golang, PyTorch, Transformers, NumPy, Pandas, LAMP, Nginx, C++, Git, Hadoop, Docker, HTML/CSS/JavaScript, AWS, GCP, MPI.

Expertise: Natural Language Processing, Machine Learning, Deep Learning, System Design.